CLAIM AMENDMENTS

1. (currently amended) A sleeve heater comprising:

an electrical and generally cylindrical heater coil centered on an axis and shaped to fit over a part to be heated;

a radially compressible and generally cylindrical inner sleeve snugly coaxially externally surrounding the heater coil, [[and]] radially inwardly bearing on the coil, and having an end formed with a radially inwardly projecting rim; and

a radially generally inextensible and generally cylindrical outer sleeve fitted coaxially over the inner sleeve and having an inner surface bearing tightly radially inward on the inner sleeve and radially compressing the inner sleeve and the coil inward.

2. (original) The electrical sleeve heater defined in claim 1 wherein the inner sleeve is formed with at least one axially open and extending slot.

3. (original) The electrical sleeve heater defined in claim 1 wherein the inner sleeve is formed with two axially extending and axially oppositely open slots.

4. (original) The electrical sleeve heater defined in claim 3 wherein the slots are angularly equispaced.

5. (original) The electrical sleeve heater defined in claim 1 wherein the inner sleeve has an axially outwardly flared outer surface engageable with an end of the outer sleeve.

6. (original) The electrical sleeve heater defined in claim 5 wherein the outer surface is about 10 mm long.

7. (original) The electrical sleeve heater defined in claim 1 wherein the outer sleeve has an axially tapered inner surface axially engageable with an end of the inner sleeve.

8. (original) The electrical sleeve heater defined in claim 7 wherein the tapered inner surface is about 10 mm long.

9. (canceled)

10. (original) The electrical sleeve heater defined in claim 1 wherein the outer sleeve has a radially inwardly projecting rim.

11. (currently amended) ~~The electrical sleeve heater defined in claim 1 wherein the inner sleeve has~~ A sleeve heater comprising:

an electrical and generally cylindrical heater coil centered on an axis and shaped to fit over a part to be heated;

a radially compressible and generally cylindrical inner sleeve snugly coaxially externally surrounding the heater coil, radially inwardly bearing on the coil, and having an axially outwardly projecting tab; and

a radially generally inextensible and generally cylindrical outer sleeve fitted coaxially over the inner sleeve and having an inner surface bearing tightly radially inward on the inner sleeve and radially compressing the inner sleeve and the coil inward, [[and]] the outer sleeve [[is]] being formed with a cutout in which the tab fits when the sleeves are fitted together; and

a radially generally inextensible and generally cylindrical outer sleeve fitted coaxially over the inner sleeve and having an inner surface bearing tightly radially inward on the inner sleeve and radially compressing the inner sleeve and the coil inward.

12. (currently amended) ~~The electrical sleeve heater defined in claim 1 wherein the inner sleeve is~~ A sleeve heater comprising:

an electrical and generally cylindrical heater coil centered on an axis and shaped to fit over a part to be heated;

a radially compressible and generally cylindrical inner sleeve snugly coaxially externally surrounding the heater coil, radially inwardly bearing on the coil, and formed with a radially throughgoing [[holes]] hole, the coil having ends extending through the hole; and

a radially generally inextensible and generally cylindrical outer sleeve fitted coaxially over the inner sleeve and having an inner surface bearing tightly radially inward on the inner sleeve and radially compressing the inner sleeve and the coil inward.

13. (original) The electrical sleeve heater defined in claim 1 wherein both sleeves are of metal.

14. (original) The electrical sleeve heater defined in claim 1 wherein the inner sleeve has an outside diameter and the outer sleeve has an inside diameter that is smaller than the inner-sleeve outside diameter, whereby when the outer sleeve is fitted over the inner sleeve it radially compresses the inner sleeve.

15. (new) The electrical sleeve heater defined in claim 11 wherein the inner sleeve is formed with at least one axially open and extending slot.

16. (new) The electrical sleeve heater defined in claim 11 wherein the inner sleeve has an axially outwardly flared outer surface engageable with an end of the outer sleeve.

17. (new) The electrical sleeve heater defined in claim 11 wherein the outer sleeve has an axially tapered inner surface axially engageable with an end of the inner sleeve.

18. (new) The electrical sleeve heater defined in claim 12 wherein the inner sleeve is formed with at least one axially open and extending slot.

19. (new) The electrical sleeve heater defined in claim 12 wherein the inner sleeve has an axially outwardly flared outer surface engageable with an end of the outer sleeve.

20. (new) The electrical sleeve heater defined in claim 12 wherein the outer sleeve has an axially tapered inner surface axially engageable with an end of the inner sleeve.

21. (new) The electrical sleeve heater defined in claim 12 wherein the inner sleeve has an outside diameter and the outer sleeve has an inside diameter that is smaller than the inner-sleeve outside diameter, whereby when the outer sleeve is fitted over the inner sleeve it radially compresses the inner sleeve.